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## NATIONAL COOPERATIVE DAIRY HERD IMPROVEMENT PROGRAM

The mast head above -- National Cooperative Dairy Herd Improvement Program -- indicates the scope of the nationally recognized dairy recordkeeping plans made available to dairy farmers by the State colleges and the U. S. Department of Agriculture.

Fifty years of DHIA recordkeeping clearly shows that the dairyman who keeps records on his cows improves his herd. He produces milk more efficiently and lowers the cost of milk production. DHIA records over the years show that in good times or in bad times, the dairyman with an efficient milk-producing herd receives the greatest returns from his dairy enterprise.

More dairymen should be keeping records on their dairy herds. Three "types" of recordkeeping plans are now available, one of which will suit the needs of any dairy farmer in the country. Dairymen, regardless of the size of their herds, large or small, can be urged without reservation to enroll in one of the following recordkeeping plans of the National Cooperative Dairy Herd Improvement Program.

1. STANDARD DHIA PLAN -- DHIA supervisor obtains the milk and butterfat, feed, feed cost and income over feed cost records for the individual cows and herd each month of the year. Identification records are maintained and recorded. DHIA records are authenticated as they are obtained by a disinterested person -- the DHIA supervisor. The records are used in proving DHIA sires. Complete records provide the dairyman with full information which he can use to improve the producing efficiency of his dairy herd.

2. OWNER-SAMPLER PLAN -- Under this plan the dairyman may obtain records on his cows and herd as complete as under the Standard DHIA Plan, but they are not authenticated, since the dairyman himself takes the milk weights and samples, which the DHIA supervisor uses to complete the records. The cost of this plan is usually about half that of the Standard DHIA Plan.

3. WEIGH-A-MONTH-DAY PLAN -- This is a simple low-cost plan in which the dairyman on the 15th day of each month takes and records milk weights only on each of his cows and feed records on his herd and sends these data to a computing office designated by the county agent where the records are calculated for the individual cows and herd month-after-month and for the year. Production records for the individual cows consist of milk records only. For the herd, production records consist of milk and butterfat records, value of product, feed cost and income over feed cost. WADAM records are satisfactory to use as a guide to culling low-producing cows, feeding according to production, and selecting the better cows in the herd from which to raise the replacements. The cost of this plan is only a few cents per month per cow.

## 658,086 LACTATION RECORDS REPORTED DURING 1956

During 1956, 658,086 lactation records were reported to the Dairy Husbandry Research Branch for use in proving DHIA sires. DHIA supervisors reported 621,159 of these records; 36,927 were Herd Test records reported by the various breed associations. The number of Herd Test records reported by the various associations is as follows:

### Herd Test records reported (number)

American Dairy Cattle Club -----	1,071
Ayrshire Breeders' Association -----	11,128
American Guernsey Cattle Club -----	954
American Jersey Cattle Club -----	23,774

The number of lactation records reported each year, since 1946, is shown below:

Year	Lactation records reported (number)
1946 -----	183,884
1947 -----	250,811
1948 -----	285,083
1949 -----	391,067
1950 -----	471,721
1951 -----	540,953
1952 -----	485,949
1953 -----	501,582
1954 -----	667,074
1955 -----	636,293
1956 -----	658,086

The 658,086 records reported during 1956 represent approximately 47 percent of the 1,406,306 cows on test at the beginning of the year.



# 4, 586 DHIA SIRES PROVED IN 1956

During 1956, proved-sire records were compiled for 4, 586 sires used in dairy-herd-improvement-association herds.

The number of sires proved in 1956 by States is as follows:

State	Sires proved (number) <u>1/</u>	State	Sires proved (number) <u>1/</u>
Alabama -----	37	Nebraska -----	63
Arizona -----	19	Nevada -----	4
Arkansas -----	10	New Hampshire -----	86
California -----	76	New Jersey -----	126
Colorado -----	47	New Mexico -----	18
Connecticut -----	179	New York -----	742
Delaware -----	43	North Carolina -----	116
Florida -----	45	North Dakota -----	24
Georgia -----	33	Ohio -----	262
Hawaii -----	1	Oklahoma -----	42
Idaho -----	106	Oregon -----	111
Illinois -----	298	Pennsylvania -----	553
Indiana -----	218	Rhode Island -----	26
Iowa -----	287	South Carolina -----	33
Kansas -----	142	South Dakota -----	23
Kentucky -----	50	Tennessee -----	39
Louisiana -----	14	Texas -----	69
Maine -----	86	Utah -----	55
Maryland -----	235	Vermont -----	193
Massachusetts -----	158	Virginia -----	130
Michigan -----	306	Washington -----	129
Minnesota -----	252	West Virginia -----	48
Mississippi -----	21	Wisconsin -----	537
Missouri -----	91	Wyoming -----	2
Montana -----	20	Total -----	<u>2/</u> 4, 586

1/ Number includes 1 or more sires proved with data from some other State as well as from the State indicated.

2/ Omitting duplication.

# DHIA PROVED-SIRE RECORDS TABULATED IN DECEMBER 1956

Following is a list of 98 sires whose records were tabulated or retabulated by the Dairy Husbandry Research Branch in December 1956. Production records used in proving DHIA sires consist of 305-day lactation records standardized to a mature equivalent twice-a-day milking basis.

An asterisk at the end of a sire's registration number indicates a retabulated record. The asterisk may be followed by any number from 1 through 15 (i. e., \*12) to indicate in which of the 15 printed lists his previous record appeared. Or the asterisk may be followed by the month and year (i. e., \*May 51) of the DHIA letter in which his previous record appeared. Two asterisks following the sire's registration number, or following reference to a previous listing, indicate that the proved-sire tabulation or retabulation was requested by one of the States.

In case records from more than one herd were used, the reference is to the herd from which production records for the largest number of the sire's youngest daughters were reported. If the sire has been used in an artificial-breeding association, the name of the association is given.

Proved-sire records consisting of fewer than 10 comparisons are indicated as "preliminary proofs" because these records may be significantly changed when additional comparisons become available and are included in the proved-sire records.

Proved-sire records consisting of fewer than 25 comparisons with daughters resulting from artificial breeding are indicated as "preliminary AB proofs" because these records may be significantly changed when additional comparisons become available and are included in the proved-sire records.

To make the most intelligent selection of a sire, the dairyman should use these proved-sire records to single out the most promising sire and then make every effort to supplement these data with additional information gathered from the herds in which the dams and daughters made their records. Particular attention should be given to the feeding practices and environmental conditions under which the records were made, in order to be assured that the records of the daughters were not made under more favorable conditions than those of the dams or vice versa. It is especially important to determine that there has been no selection of daughters in making the comparison.

AYRSHIRE SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
SIR PHILIP OF KIMBALL FARM 83739 -----	30 daughters	59	10,405	4.0	412
Born, 1-20-46; proved, 10-19-56; dead ;Maine.	18 daughters	35	10,722	4.0	426
Sire, 62701; dam, 205335.	18 dams----	37	10,473	3.9	408
Used by Carpenter Brothers, Springvale.	Difference--	(11-13-11)	+249	+.1	+18

## GUERNSEY SIRES

BRANDTJEN'S P. SARGENT 482570**-----	8 daughters-	10	7,724	5.0	388
Preliminary proof, 12-21-56; alive ; Minn.	8 dams-----	28	7,050	5.1	359
Born, 3-29-51; sire, 439672; dam, 976737.	Difference--	(4-5-4)	+674	-.1	+29
Used by Howard R. Brownell, Grand Meadow.					
COLDBROOK EMINENT PRINCE 462296 -----	5 daughters-	5	6,386	4.9	314
Preliminary proof, 12-31-56; ; Pa.	5 dams-----	11	8,083	4.7	383
Born, 1-17-50; sire, 389917; dam, 520053.	Difference--	(0-2-1)	-1,697	+.2	-69
Jonas B. Kauffman, Lewistown.					
FOREMAN'S KING 430205-----	6 daughters-	11	7,817	5.0	394
Preliminary proof, 12-7-56; alive ; Ohio.	6 dams-----	11	7,612	4.4	336
Born, 1-15-47; sire, 291256; dam, 508575.	Difference--	(2-5-4)	+205	+.6	+58
Used by Ira Place, Wapakeneta.					
FORGES MODERATOR 447453-----	5 daughters-	7	7,749	4.8	375
Preliminary proof 12-7-56; ; Vt.	5 dams-----	23	7,851	5.1	398
Born, 1-22-49; sire, 372634; dam, 926025.	Difference--	(3-2-3)	-102	-.3	-23
Used by Russell Gilbert, Springfield.					
HOMINY HILL BARON 340082*Aug. 1954**-----	15 daughters	32	8,459	4.8	407
Preliminary proof, 12-7-56; dead ; Md.	8 daughters-	14	8,158	4.8	393
Born, 8-15-43; sire, 240947; dam, 599753.	8 dams-----	15	8,123	4.8	386
Used by J. B. Mulder, Easton.	Difference--	(4-5-2)	+35	.0	+7
IDEAL'S VALANT 432009 -----	11 daughters	13	6,596	4.5	294
Preliminary proof, 12-31-56; ; Ohio.	8 daughters-	10	6,704	4.4	292
Born, 6-25-48; sire, 282709; dam, 680670.	8 dams-----	13	8,503	4.8	410
Used by Coogle & Courtright, Edison.	Difference--	(4-3-3)	-1,799	-.4	-118



GUERNSEY SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
KITCHENER KINGFISH 471873-----	7 daughters-	8	6,663	4.3	289
Preliminary proof, 12-31-56; dead ; Vt.	7 dams-----	37	7,277	4.3	315
Born, 4-28-49; sire, 293920; dam, 910246.	Difference--	(3-4-2)	-614	.0	-26
Used by William Bliss, St. Albans.					
MCDONALD FARMS HIGH ORATOR 454939***--	5 daughters-	5	8,718	4.7	412
Preliminary proof, 12-31-56; ; Conn.	5 dams-----	23	9,249	4.9	456
Born, 2-18-49; sire, 343002; dam, 744858.	Difference--	(1-3-1)	-531	-.2	-44
Used by Woodhill Dairy, Golden's Bridge, N. Y.					
MCDONALD FARMS PRE OLD GOLD 457102---	5 daughters-	5	7,611	5.3	403
Preliminary proof, 12-31-56; ; Md.	5 dams-----	23	8,652	5.2	446
Born, 9-3-49; sire, 293925; dam, 701021.	Difference--	(2-4-1)	-1,041	+.1	-43
Used by Andrew J. Hoff, New Windsor.					
MEADOW GREEN COUNT 461929 -----	5 daughters-	9	8,614	4.7	407
Preliminary proof, 12-31-56; ; Ill.	5 dams-----	13	7,865	4.9	389
Born, 12-26-49; sire, 422153; dam, 920082.	Difference--	(3-2-3)	+749	-.2	+18
Used by Ray T. Schertz, Flanagan.					
PHEASANT RIDGE BRAVO 426976 -----	5 daughters-	9	9,341	5.1	474
Preliminary proof, 12-21-56; ; Iowa.	5 dams-----	9	6,452	5.0	321
Born, 3-23-48; sire, 351960; dam, 740544.	Difference--	(5-4-5)	+2,889	+.1	+153
Used by Noble Seedorf, Arlington.					
QUALITY PARK FARM'S COUNT 477448** ----	7 daughters-	7	8,151	4.8	394
Preliminary proof, 12-31-56; ; Minn.	6 daughters-	6	8,208	4.9	402
Born, 3-18-51; sire, 402199; dam, 996617.	6 dams-----	10	7,250	4.9	353
Used by Oscar Opsahl, Hinckley.	Difference--	(4-3-4)	+958	.0	+49
RAY OF WALKUSH FARM 467037-----	5 daughters-	5	7,956	4.6	369
Preliminary proof, 12-7-56; ; Minn.	5 dams-----	15	8,545	5.0	429
Born, 7-21-50; sire, 380066; dam, 920679.	Difference--	(2-2-2)	-589	-.4	-60
Used by Lorlys Hansen & Sons, Detroit Lakes.					
SANS SOUCI HANAWAY 428304-----	7 daughters-	12	8,274	4.9	403
Preliminary proof, 12-31-56; ; Calif.	7 dams-----	29	7,911	4.8	383
Born, 3-31-48; sire, 340298; dam, 849014.	Difference--	(4-3-4)	+363	+.1	+20
Used by Martin Shafer, Fowler.					
SOBELMAN FARMS EGYPTIAN 474496 -----	5 daughters-	6	9,641	4.9	469
Preliminary proof, 12-31-56; ; Pa.	5 dams-----	13	6,997	5.1	355
Born, 2-3-51; sire, 418434; dam, 1065014.	Difference--	(5-2-5)	+2,644	-.2	+114
Used by J. Henry Kneller, Gettysburg.					
SPRUCE SHADOWS L. PATRICIAN 462977 ----	10 daughters	10	8,078	5.2	416
Born, 1-18-50; proved, 12-31-56; ; Iowa.	10 dams-----	26	7,375	4.6	342
Sire, 380845; dam, 890359.	Difference--	(6-9-8)	+703	+.6	+74
Used by D. R. Schmidt, Elkader.					
TARBELL KING LANCE 444998-----	10 daughters	10	9,595	4.7	447
Preliminary proof, 12-31-56; ; N. Y.	8 daughters-	8	8,903	4.7	421
Born, 11-30-47; sire, 393390; dam, 632432.	8 dams-----	35	9,002	5.0	447
Used by J. P. Murphy & Son, Tully.	Difference--	(5-3-4)	-99	-.3	-26
THREE H DON 468718-----	5 daughters-	5	6,796	4.7	317
Preliminary proof, 12-31-56; ; N. Y.	5 dams-----	21	9,320	4.8	448
Born, 7-4-50; sire, 422197; dam, 757232.	Difference--	(1-2-0)	-2,524	-.1	-131
Used by Lee W. Moore, Chester.					

## HOLSTEIN SIRES

ABBEYDALE PEPPER ELSIE LAD 1072566----	19 daughters	24	12,626	3.6	450
Born, 4-7-49; proved, 12-5-56; alive; Mo.	16 daughters	18	12,626	3.6	452
Sire, 813522; dam, 2728524.	16 dams-----	54	10,584	3.5	374
Used by Conception Abbey, Conception.	Difference--	(12-13-13)	+2,042	+.1	+78
ADMIRAL GERBEN VICKERY KING 1093120----	9 daughters-	15	11,104	3.8	425
Preliminary proof, 12-5-56; ; Wis.	7 daughters-	12	11,290	3.8	423
Born, 12-12-48; sire, 912429; dam, 2299405.	7 dams-----	31	11,890	3.9	462
Used by Jerome Jackson, Barron.	Difference--	(3-3-3)	-600	-.1	-39
A-HOPEN RAG APPLE BEE CHIEF 1065369---	5 daughters-	7	10,631	3.6	382
Preliminary proof, 12-7-56; ; Ind.	5 dams-----	23	13,006	3.4	441
Born, 12-6-48; sire, 812000; dam, 2679365.	Difference--	(2-4-2)	-2,375	+.2	-59
Used by Nelson Peterson, South Bend.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
AMCANA AAGGIE DUNWOOD PRINCE 1070027-	7 daughters-	9	8,853	3.6	322
Preliminary proof, 12-12-56; ; N. H.	7 dams-----	24	10,269	3.7	377
Born, 1-3-49; sire, 949094; dam, 2477020.	Difference--	(1-3-1)	-1,416	-.1	-55
Used by Theodore Bergeron, Keene.					
AMCANA HIGHLINE DOMINO 1064259-----	8 daughters-	10	10,820	4.0	435
Preliminary proof, 12-5-56; alive ; N. Y.	6 daughters-	8	11,458	4.0	457
Born, 2-17-49; sire, 949090; dam, 2647889.	6 dams-----	18	13,262	3.5	467
Used by Albert Reed, Clifton Springs.	Difference--	(1-6-3)	-1,804	+.5	-10
BARCO CECILIA PRIDE 1031004-----	6 daughters-	11	12,196	3.5	429
Preliminary proof, 12-12-56; ; Wis.	6 dams-----	26	12,274	3.5	433
Born, 11-1-47; sire, 785187; dam, 1848767.	Difference--	(3-4-4)	-78	.0	-4
Used by River Falls State College, River Falls.					
BOND HAVEN RAG APPLE COMRADE 1065438-	6 daughters-	8	14,439	3.5	511
Preliminary proof, 12-7-56; dead ; N. Y.	6 dams-----	31	13,445	3.4	459
Born, 7-3-48; sire, 137532 CHB;	Difference--	(4-4-5)	+994	+.1	+52
dam, 589616 CHB.					
Used by Edgar A. King, North Bangor.					
BUTTERFLY HI-HOPE BARNEY-VAR 1092146-	9 daughters-	14	11,359	3.7	420
Preliminary proof, 12-5-56; dead ; N. Y.	5 daughters-	9	11,142	3.6	406
Born, 6-11-49; sire, 944219; dam, 2325706.	5 dams-----	10	11,509	3.4	390
Used by Mr. & Mrs. E. W. Hock, Clarence.	Difference--	(2-4-4)	-367	+.2	+16
CARDOA SILVER STAR JUDY DESIGN 1055899-	18 daughters	28	12,494	3.7	465
Preliminary proof, 12-7-56; ; Ill.	9 daughters-	13	12,759	3.7	466
Born, 11-7-48; sire, 1005948; dam, 2176170.	9 dams-----	28	12,407	3.4	425
Used by W. C. Brockman & Sons, Palatine.	Difference--	(5-7-8)	+352	+.3	+41
CARLDEAN SOFIE SEGIS 1032144*Feb. 53** --	16 daughters	30	12,798	3.6	459
Born, 2-18-47; proved, 12-21-56;	14 daughters	27	12,900	3.6	463
Sire, 848314; dam, 2271895.	14 dams----	51	12,022	3.6	432
Used by Mich. Co-op. A.B.A., Inc., Mich.	Difference--	(9-9-10)	+878	.0	+31
CARNATION ROYAL GEM 1072360-----	8 daughters-	9	11,738	3.7	431
Preliminary proof, 12-5-56; ; Ill.	6 daughters-	7	11,433	3.8	429
Born, 10-20-48; sire, 999558; dam, 2577314.	6 dams-----	11	12,138	3.8	462
Used by Hurlbert & Penticoff, Stockton.	Difference--	(4-4-4)	-705	.0	-33
CASEY KING CONSTANCE 1088131-----	9 daughters-	12	12,520	3.7	462
Preliminary proof, 12-5-56; dead ; N. Dak.	8 daughters-	10	12,494	3.7	461
Born, 10-22-48; sire, 1077989; dam, 2587227.	8 dams-----	21	10,072	3.6	361
Used by Clarence Klusmann, New Salem.	Difference--	(7-6-7)	+2,422	+.1	+100
CORNELL DOMINATOR BERTRAM 1072390----	16 daughters	21	10,709	3.5	375
Born, 4-5-49; proved, 12-5-56; dead ; N. Y.	15 daughters	19	10,710	3.5	374
Sire, 858418; dam, 2410476.	15 dams----	60	9,794	3.4	330
Used by Cecil Frasier, Richmondville.	Difference--	(9-13-10)	+916	+.1	+44
CRESCENT BEAUTY COMMANDER 1074603----	28 daughters	36	12,033	3.5	425
Born, 1-26-49; proved, 12-7-56; ; Wis.	25 daughters	33	12,074	3.6	432
Sire, 949159; dam, 2684102.	25 dams----	121	12,469	3.7	462
Used by Allen Hetts, Fort Atkinson.	Difference--	(10-8-7)	-395	-.1	-30
DAN-CO PIEBE CHRISTY 1089333-----	7 daughters-	11	12,167	3.3	407
Preliminary proof, 12-5-56; dead ; Wis.	6 daughters-	9	12,233	3.3	407
Born, 9-28-49; sire, 1004140; dam, 2128693.	6 dams-----	24	12,517	3.4	430
Used by Joel Tvesine, Cambridge.	Difference--	(3-4-3)	-284	-.1	-23
DROOMWALD CARNATION PIETJE (TWIN)					
1044526 -----	5 daughters-	10	14,107	3.3	472
Preliminary proof, 12-21-56; ; Mich.	5 dams-----	14	14,918	3.5	526
Born, 4-21-48; sire, 967683; dam, 2165001.	Difference--	(2-2-0)	-811	-.2	-54
Used by Arthur Povish, Tawas City.					
DRURY-LANE COLA UNIFORM 1088927-----	6 daughters-	9	14,811	3.6	536
Preliminary proof, 12-5-56; alive ; Idaho.	6 dams-----	24	16,013	3.6	576
Born, 8-1-49; sire, 973341; dam, 1741625.	Difference--	(3-4-2)	-1,202	.0	-40
Used by Henry Drury & Son, Preston.					
DUKE PHYLLIS PABST ROAMER 1179723-----	8 daughters-	10	11,194	3.4	377
Preliminary proof, 12-5-56; ; Wis.	7 daughters-	9	10,867	3.4	372
Born, 9-2-50; sire, 1023432; dam, 2701529.	7 dams-----	22	13,047	3.4	449
Used by Arneson & Boe, Barneveld.	Difference--	(2-3-1)	-2,180	.0	-77



HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
<b>ELBRO SOVEREIGN FLEET MASTER (TWIN)</b>					
1073438-----	6 daughters-	6	13,158	3.9	513
Preliminary proof, 12-12-56; ; Mich.	5 daughters-	5	13,789	3.8	518
Born, 12-24-47; sire, 155159 CHB;	5 dams-----	17	15,337	3.5	542
dam, 394471 CHB.	Difference--	(2-5-3)	-1,548	+3	-24
Used by Pinelow Farm. Lake Orion.					
<b>ELMER BROOK INKA HOMESTEAD LAD</b>					
1140217**-----	10 daughters	10	14,960	3.7	548
Born, 10-26-50; proved, 12-21-56; alive ;Nebr.	10 dams-----	29	11,473	3.6	413
Sire, 1069792; dam, 2853593.	Difference--	(9-5-9)	+3,487	+1	+135
Used by R. P. Flynn & Sons, Blair.					
<b>EVER MAY CARNATION SEGIS 1093474-----</b>					
17 daughters	29	14,307	3.5	499	
Preliminary proof, 12-5-56; ; Oreg.	6 daughters-	11	15,052	3.4	516
Born, 5-7-47; sire, 928406; dam, 2601652.	6 dams-----	13	14,174	3.6	511
Used by Charles Herinckx, Forest Grove.	Difference--	(4-2-4)	+878	-2	+5
<b>GOV-ROSE BURTON 1072880-----</b>					
6 daughters-	6	12,265	3.9	474	
Preliminary proof, 12-5-56; ; Wis.	5 daughters-	5	11,810	3.8	452
Born, 12-23-48; sire, 947146; dam, 2197431.	5 dams-----	12	11,300	3.6	411
Used by Frank Romey Estate, Whitewater.	Difference--	(5-5-5)	+510	+2	+41
<b>GREENCOWS INSPIRATION SPECIAL 1056516--</b>					
7 daughters-	8	11,246	3.5	389	
Preliminary proof, 12-7-56; ; Wis.	6 daughters-	7	11,287	3.4	385
Born, 10-10-48; sire, 933204; dam, 2403485.	6 dams-----	22	11,279	3.5	392
Used by Fred Neuenschwander, Monroe.	Difference--	(4-3-3)	+8	-1	-7
<b>GROUT FARM PLUTO ORMSBY WAYNE</b>					
1062280-----	7 daughters-	11	8,152	3.8	310
Preliminary proof, 12-12-56; ; Vt.	5 daughters-	8	7,950	3.8	303
Born, 10-14-47; sire, 1040769; dam, 3042775.	5 dams-----	12	11,655	3.5	410
Used by Murroy H. Cobleigh, Westminster.	Difference--	(0-5-0)	-3,705	+3	-107
<b>HAMLET VIEW WAYNE SEGIS PONTIAC 959059</b>					
*15**-----	20 daughters	35	12,257	3.6	442
Born, 9-22-45; proved, 12-21-56; ; Minn.	18 daughters	28	12,597	3.6	453
Sire, 703951; dam, 1844389.	18 dams-----	71	11,992	3.7	441
Used by James C. Wayne, Ellendale.	Difference--	(10-8-9)	+605	-1	+12
<b>HELMBRECHTS GOVERNOR BURKE 1066567--</b>					
8 daughters-	9	6,879	3.6	246	
Preliminary proof, 12-7-56; ; Wis.	6 daughters-	7	6,663	3.6	242
Born, 3-6-49; sire, 811487; dam, 2791941.	6 dams-----	20	9,979	3.3	332
Used by Peter Helmbrecht, Deerbrook.	Difference--	(0-5-0)	-3,316	+3	-90
<b>HOLLINS HAMTER 901512**-----</b>					
30 daughters	64	14,056	3.5	486	
Born, 12-21-43; proved, 12-21-56; ; Va.	20 daughters	46	13,976	3.5	484
Sire, 804541; dam, 1709736.	20 dams-----	59	10,306	3.4	349
Used by M. B. Ott & Sons, Remington.	Difference--	(16-16-17)	+3,670	+1	+135
<b>JOE PIEBE INKA 1070303-----</b>					
5 daughters-	9	11,733	3.9	453	
Preliminary proof, 12-5-56; ; Wis.	5 dams-----	23	10,564	3.9	416
Born, 8-18-48; sire, 969906; dam, 2442722.	Difference--	(4-2-4)	+1,169	.0	+37
Used by John Hutchinson, Whitewater.					
<b>JOSEPH PABST SOVEREIGN 1172159-----</b>					
5 daughters-	5	12,560	3.8	480	
Preliminary proof, 12-5-56; ; Mich.	5 dams-----	6	12,148	3.8	460
Born, 10-10-50; sire, 214111 CHB;	Difference--	(4-3-4)	+412	.0	+20
dam, 703846 CHB					
Used by Howard Penrose, Clare.					
<b>KING HARTOG HOMESTEAD POSCH 1082857---</b>					
6 daughters-	7	13,533	3.6	492	
Preliminary proof, 12-12-56; ; Ill.	5 daughters-	6	13,489	3.7	497
Born, 1-18-49; sire, 998194; dam, 2831771.	5 dams-----	23	11,802	3.6	428
Used by Fred J. Miller, Marengo.	Difference--	(4-4-4)	+1,687	+1	+69
<b>KNOLLWOOD TOUCHSTONE ACME (TWIN)</b>					
1064363-----	8 daughters-	14	10,201	4.1	422
Preliminary proof, 12-7-56; ; Pa.	8 dams-----	33	11,387	4.1	467
Born, 1-7-49; sire, 971609; dam, 2312153.	Difference--	(0-3-1)	-1,186	.0	-45
Used by Comes Dairy, Smethport.					
<b>MAPLEHEDGE MODEL MIKE 1063215*Apr. 55**</b>					
24 daughters	31	11,087	3.9	437	
Born, 11-5-48; proved, 12-21-56; dead; Vt.	23 daughters	30	10,981	4.0	435
Sire, 832735; dam, 2686704.	23 dams-----	119	12,300	3.4	422
Used by Frank S. Bishop, Springfield.	Difference--	(6-23-13)	-1,319	+6	+13
<b>MASTER BROAD ROCK STAR 1139738-----</b>					
12 daughters	12	12,636	3.7	471	
Born, 2-8-51; proved, 10-11-56; ; Pa.	12 dams-----	39	12,505	3.4	427
Sire, 834432; dam, 2316592.	Difference--	(8-10-8)	+131	+3	+44
Used by J. Kenneth Kyper, Huntingdon.					

HOLSTEIN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
MUSCATATUCK BARBETTA INKA 1074188-----	5 daughters-	9	12,770	3.4	439
Preliminary proof, 12-5-56; dead ; Ind.	5 dams-----	31	10,987	3.5	382
Born, 4-4-48; sire, 972714; dam, 2187913.	Difference--	(4-3-5)	+1,783	-.1	+57
Used by Muscatatuck State School, Butlerville.					
NAPSTAHOS BOZO MORGAN REX LAD					
1049626** -----	30 daughters	34	13,552	3.7	495
Born, 7-30-48; proved, 12-31-56; ; Calif.	25 daughters	28	13,886	3.6	507
Sire, 972438; dam, 2468849.	25 dams-----	54	9,881	3.8	377
Used by A.W. & M.K. Zimmerman, Tomales.	Difference--	(23-10-22)	+4,005	-.2	+130
NOEL ORMSBY PAULINE 1043921-----	13 daughters	16	11,473	3.9	447
Born, 1-24-48; proved, 12-7-56; dead ; N. Y.	13 dams-----	51	12,454	3.6	444
Sire, 937007; dam, 2502216.	Difference--	(3-11-8)	-981	+.3	+3
Used by Roy Schrader, Silver Creek.					
NYS SONYEA KING POSCH 1096776-----	16 daughters	36	11,306	3.4	380
Born, 7-27-45; proved, 12-7-56; dead ; N. Y.	15 daughters	34	11,241	3.4	378
Sire, 671598; dam, 1728437.	15 dams-----	58	12,672	3.4	432
Used by Craig Colony, Sonyea.	Difference--	(5-9-5)	-1,431	.0	-54
OCONBRO BURKE LAD FOBES 1072627-----	8 daughters-	12	10,400	3.9	407
Preliminary proof, 12-5-56; ; Wis.	8 dams-----	41	10,587	3.8	406
Born, 4-20-49; sire, 884035; dam, 2381215.	Difference--	(4-5-4)	-187	+.1	+1
Used by Oscar Witte, Mishicot.					
OSMAN WAYNE FOBES COMET 1092463-----	5 daughters-	8	12,174	3.6	444
Preliminary proof, 12-5-56; dead ; Wis.	5 dams-----	22	12,418	3.7	464
Born, 12-3-49; sire, 1025338; dam, 2476802.	Difference--	(3-3-3)	-244	-.1	-20
Used by Lester Schnell, Manitowoc.					
PARKLAND BELMONT PIETERTJE 1091987----	6 daughters-	7	11,259	3.4	382
Preliminary proof, 12-5-56; dead ; Wis.	6 dams-----	19	12,000	3.5	424
Born, 8-5-49; sire, 922423; dam, 2175837.	Difference--	(1-3-0)	-741	-.1	-42
Used by Douglas County Hospital, Superior.					
PET PONTIAC TERRACELAWN FOBES					
1069360-----	5 daughters-	9	11,650	4.0	466
Preliminary proof, 12-7-56; ; Ind.	5 dams-----	11	12,658	3.6	453
Born, 11-17-48; sire, 822837; dam, 2628282.	Difference--	(1-4-2)	-1,008	+.4	+13
Used by Smith & Iddings, Kendalville.					
RAVENGLEN TRIUNE PERFECT 1082967					
*Nov. 55** -----	12 daughters	15	13,308	3.6	485
Born, 10-8-49; proved, 12-31-56; alive ; Ariz.	12 dams-----	36	11,636	3.5	413
Sire, 849392; dam, 2419926.	Difference--	(7-8-9)	+1,672	+.1	+72
Used by Alta E. Butler & Sons, Phoenix.					
ROLLING KNOLL MAT PATRIARCH 1073550					
*Apr. 55** -----	13 daughters	20	12,536	4.0	500
Born, 2-23-49; proved, 12-21-56; ; Md.	13 dams-----	63	11,632	3.8	447
Sire, 948351; dam, 2447429.	Difference--	(9-10-11)	+904	+.2	+53
Used by Wooden & Harbaugh, Reisterstown.					
SEARSFARM OLENA FLOSS HELMAR 1062667-	6 daughters-	7	13,343	3.3	445
Preliminary proof, 12-12-56; ; N. Y.	6 dams-----	24	14,707	3.4	507
Born, 12-10-48; sire, 810427; dam, 2836800.	Difference--	(3-2-3)	-1,364	-.1	-62
Used by Paterson Schuyler, Burdett.					
SHIAWANA FOBES BEAUTY 1098427** -----	5 daughters-	5	14,417	3.6	513
Preliminary proof, 12-21-56; ; Mich.	5 dams-----	18	11,767	3.5	412
Born, 1-7-50; sire, 822837; dam, 2522779.	Difference--	(3-3-5)	+2,650	+.1	+101
Used by Holly Wilson, Custer.					
SIR BESS ORMSBY BURKE FOBES 10 1073850-	8 daughters-	9	13,849	3.5	489
Preliminary proof, 12-5-56; dead ; Iowa.	7 daughters-	8	13,796	3.5	487
Born, 11-11-48; sire, 934577; dam, 2438562.	7 dams-----	31	13,093	3.3	437
Used by George H. Aden & Sons, Palmer.	Difference--	(4-6-5)	+703	+.2	+50
SIR BESS ORMSBY BURKE FOBES 12 1073852--	10 daughters	15	12,145	3.5	429
Preliminary proof, 12-5-56; dead ; N. Y.	9 daughters-	14	12,397	3.6	441
Born, 11-14-48; sire, 934577; dam, 2438564.	9 dams-----	30	12,389	3.5	428
Used by Monford Kelsey & Son, Canastota.	Difference--	(5-8-7)	+8	+.1	+13
SIR HESTER SKYLARK PIEBE 1076706** -----	6 daughters-	9	13,219	3.4	448
Preliminary proof, 12-31-56; ; Calif.	5 daughters-	8	13,169	3.3	439
Born, 7-2-49; sire, 1002042; dam, 1953674.	5 dams-----	16	11,780	3.8	443
Used by Ed Santos, Riverdale.	Difference--	(4-1-2)	+1,389	-.5	-4



HOLSTEIN SIREs	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
SIR SEGIS HENGERVELD MAXIMUM 1091831---10 daughters Born, 11-11-48; proved, 12-5-56; dead ; Wis. 10 dams----		12	11,440	3.8	436
Sire, 925394; dam, 2832989. Difference--		39	10,992	3.5	388
Used by B. B. Caniff & C. Muller, Watertown.		(7-9-7)	+448	+ .3	+48
SLEEPY HOLLOW COMBINE 1058937** -----14 daughters Born, 8-27-48; proved, 12-21-56; alive ; Calif. 12 daughters		18	13,473	3.9	526
Sire, 957356; dam, 2724973. 12 dams----		16	13,329	4.0	530
Used by Sleepy Hollow Farm, Petaluma. Difference--		50	10,406	3.7	389
		(11-10-11)	+2,923	+ .3	+141
SLEEPY HOLLOW TY DUCE (TWIN)1062647** -17 daughters Born, 11-10-48; proved, 12-21-56; alive ; Calif. 15 daughters		21	12,447	4.0	498
Sire, 893103; dam, 1924285. 15 dams----		19	12,216	4.0	494
Used by Sleepy Hollow Certified Milk Co., Petaluma. Difference--		50	13,146	3.7	488
		(8-12-11)	-930	+ .3	+6
SUSSEX INKA DESIGN 1069792-----6 daughters- Preliminary proof, 12-7-56; ; Wis. 6 dams-----		9	12,492	3.6	445
Born, 12-7-48; sire, 834583; dam, 2431468. Difference--		25	15,839	3.7	579
Used by Elmer Otto & Son, Monticello.		(1-2-0)	-3,347	- .1	-134
TOWERLINE LINDY SEGIS TRIUNE 1086967----13 daughters Preliminary proof, 12-5-56; ; Mich. 7 daughters-		17	10,930	3.5	377
Born, 9-30-49; sire, 963996; dam, 2607055. 7 dams-----		9	11,512	3.4	395
Used by Wesley Lutz, Ceresco. Difference--		22	10,051	3.5	357
		(5-2-6)	+1,461	- .1	+38
TRUNLAN BURKE BONAFENT 1072730-----11 daughters Preliminary proof, 12-5-56; ; Vt. 7 daughters-		13	11,467	3.8	436
Born, 10-24-48; sire, 922108; dam, 2307936. 7 dams-----		9	11,673	3.7	438
Used by Curtis Jacques, Newport. Difference--		21	13,053	3.7	479
		(2-4-2)	-1,380	.0	-41
VALLEY DRIVE CARNATION FOBES 1072926---8 daughters- Preliminary proof, 12-5-56; dead ; Wis. 7 daughters-		12	11,372	3.2	363
Born, 1-7-48; sire, 784721; dam, 2472964. 7 dams-----		11	11,498	3.2	364
Used by Carl Hayes & Son, Campbellsport. Difference--		31	10,770	3.4	367
		(3-1-4)	+728	- .2	-3
WAIT FARM ALL-VAR LADDIE 1030335-----5 daughters- Preliminary proof, 12-12-56; ; N. Y. 5 dams-----		6	10,250	3.7	381
Born, 8-22-47; sire, 877831; dam, 2261693. Difference--		22	10,650	3.9	413
Used by H. R. Wait Co., Auburn.		(3-1-1)	-400	- .2	-32
WAL-CO-FARM BILLY TRITOMIA 1055704----8 daughters- Preliminary proof, 12-7-56; dead ; Wis. 7 daughters-		16	13,587	3.7	497
Born, 9-27-48; sire, 924105; dam, 2526372. 7 dams-----		13	13,140	3.7	483
Used by Floyd Hurdís, Sharon. Difference--		13	11,776	3.6	418
		(3-5-5)	+1,364	+ .1	+65
WEIDMAN REGAL PABST ROAMER 1088437---6 daughters- Preliminary proof, 12-5-56; dead ; Wis. 6 dams-----		7	11,964	3.6	430
Born, 11-30-49; sire, 901195; dam, 2585847. Difference--		29	13,843	3.7	511
Used by Oscar Weickert, Cedarburg.		(1-2-2)	-1,879	- .1	-81
WINDY SHADE POSCH PILOT 1057953** -----43 daughters Born, 12-3-48; AB proof, 12-21-56; 43 dams----		43	12,415	3.5	433
Sire, 835919; dam, 2493965. Difference--		126	12,070	3.6	440
Used by Southern Ill. A. B. A., Ill.		(28-18-20)	+345	- .1	-7
WIS IDEAL BRACER 1068871-----5 daughters- Preliminary proof, 12-7-56; alive ; Wis. 5 dams-----		5	15,114	3.5	523
Born, 4-16-49; sire, 933122; dam, 2241275. Difference--		19	10,683	3.7	393
Used by Stewart Shadel, Janesville.		(5-2-5)	+4,431	- .2	+130
WIS PINKY SENSATION 1020674-----8 daughters- Preliminary proof, 12-12-56; ; Wis. 8 dams-----		9	12,644	3.5	440
Born, 9-9-47; sire, 792524; dam, 2115773. Difference--		13	11,410	3.8	434
Used by A. Johnson & E. Fuller, Burlington.		(6-1-5)	+1,234	- .3	+6



JERSEY SIRE	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
CLEARBROOK RECORDS IVANHOE 536949**--	7 daughters-	7	9,215	5.5	506
Preliminary proof, 12-31-56; ; Vt.	7 dams----	29	9,651	5.5	526
Born, 2-20-51; sire, 506426; dam, 1591279.	Difference--	(3-4-4)	-436	.0	-20
Used by Quinn Forrest, Woodstock.					
INTERVALE DEFIANT 469155*Oct. 52** -----	24 daughters	63	6,973	5.2	360
Born, 10-1-44; proved, 12-21-56; ; Vt.	21 daughters	52	7,064	5.1	362
Sire, 105985 CJCC; dam, 1471195.	21 dams----	86	6,925	5.1	353
Used by W. C. & F. C. Arms, Burlington.	Difference--	(13-13-14)	+139	.0	+9
JOLLY DUKE 499130*Oct. 55** -----	16 daughters	31	9,384	5.5	518
Born, 3-2-48; proved, 12-31-56; ;	16 dams----	50	8,910	5.2	461
Sire, 470128; dam, 1279158.	Difference--	(9-13-13)	+474	+.3	+57
Used by Southeastern Pa. Co-op. A. B. A., Pa.					
LAVENDER FOREMOST HIGH SON 479687-----	9 daughters-	10	6,558	5.5	362
Preliminary proof, 12-5-56; ; Utah.	7 daughters-	8	7,068	5.4	383
Born, 8-21-46; sire, 400216; dam, 1158743.	7 dams----	17	8,250	5.2	430
Used by Ferris Fitzgerald, Draper.	Difference--	(0-4-1)	-1,182	+.2	-47
LILAC REMUS UNRIVALED GLYAN 530116					
*July 56** -----	14 daughters	17	9,332	5.5	517
Born, 9-21-50; proved, 12-21-56; ; Vt.	14 dams----	62	8,679	5.4	469
Sire, 409293; dam, 1594637.	Difference--	(11-10-12)	+653	+.1	+48
Used by Hutchinson Farm, Tunbridge.					
PRETTY PASTICHE SYBIL NOBLE 452873** --	30 daughters	43	8,029	5.2	421
Born, 10-1-43; proved, 12-21-56; ;	11 daughters	15	8,166	5.4	439
Sire, 388543; dam, 1263983.	11 dams----	31	7,358	5.3	390
Used by East Missouri A. B. A., Mo.	Difference--	(8-7-9)	+808	+.1	+49
REMUS UNRIVALED KING 538449** -----	6 daughters-	6	9,500	5.4	514
Preliminary proof, 12-31-56; ; Mich.	5 daughters-	5	9,580	5.4	520
Born, 1-10-51; sire, 500215; dam, 1638584.	5 dams----	12	8,272	5.7	469
Used by Peacock & Butcher, Perry.	Difference--	(4-2-3)	+1,308	-.3	+51
ROYAL BASIL X STANDARD 532109** -----	7 daughters-	7	8,209	4.8	397
Preliminary proof, 12-21-56; ; Mich.	5 daughters-	5	8,101	4.9	394
Born, 1-4-51; sire, 460676; dam, 1528919.	5 dams----	7	7,795	5.0	386
Used by Mrs. H. Halvorsen & Sons, Morley.	Difference--	(3-2-3)	+306	-.1	+8
SCUDDER'S BETTY'S JESTER 476453*Oct. 52**	30 daughters	109	8,068	5.5	447
Born, 1-6-46; proved, 12-21-56; alive ; Calif.	30 dams----	147	7,949	5.4	428
Sire, 458889; dam, 1404777.	Difference--	(17-17-15)	+119	+.1	+19
Used by J. Kenneth Fraser, Hughson.					

# RED DANE SIRE

RED KNIGHT # 1 00037 -----	9 daughters-	11	11,221	3.9	434
Preliminary proof, 12-21-56; ; Mich.	7 daughters-	9	11,314	3.9	442
Born, 1-4-50; sire, 51*D514; dam, 00056.	7 dams----	29	10,897	3.7	400
Used by Byron Hartwich, Sterling.	Difference--	(4-6-5)	+417	+.2	+42
B 7** -----	7 daughters-	8	9,091	3.6	331
Preliminary proof, 12-21-56; ; Mich.	5 daughters-	6	8,227	3.7	306
Born, 8-10-49; sire, 51*D509; dam, 51*D201.	5 dams----	18	9,563	3.7	354
Used by Emanuel Gerber, Mio.	Difference--	(1-3-1)	-1,336	.0	-48
B 10** -----	8 daughters-	8	7,964	3.9	313
Preliminary proof, 12-21-56; ; Mich.	7 daughters-	7	7,580	3.9	299
Born, 1-13-50; sire, 51*D519; dam, 51*D200.	7 dams----	27	10,577	4.3	453
Used by Edwin Hanrich, Mio.	Difference--	(0-2-0)	-2,997	-.4	-154
51*D590** (EARTAG) -----	7 daughters-	11	9,536	4.1	393
Preliminary proof, 12-21-56; ; Mich.	6 daughters-	10	9,187	4.2	386
Born, 2-21-47; sire, 51*D507; dam, 51*D68	6 dams----	22	10,179	4.2	428
Used by Carl A. Palmer, Marlette.	Difference--	(2-4-4)	-992	.0	-42
51*D705** (EARTAG) -----	6 daughters-	8	9,247	3.7	340
Preliminary proof, 12-21-56; ; Mich.	5 daughters-	7	9,404	3.6	342
Born, 6-18-48; sire, 51*D507; dam, 51*D89.	5 dams----	20	9,971	3.7	366
Used by Ed Stanley, Prescott.	Difference--	(1-3-1)	-567	-.1	-24

MILKING SHORTHORN SIRES	Animals	Records averaged	Milk	Test	Fat
	Number	Number	lb.	%	lb.
DARLINGTON WATERLOO LAD 9954-----	5 daughters-	6	6,670	4.1	272
Preliminary proof, 12-31-56; ; Oreg.	5 dams-----	10	7,699	3.7	288
Born, 2-21-48; sire, 66284; dam, 1975698.	Difference--	(2-4-2)	-1,029	+ .4	-16
Used by H. L. Lundquist, Newburg.					
FLINTSTONE WATCHMAN 11544 -----	7 daughters-	12	7,021	4.0	282
Preliminary proof, 12-31-56; ; Maine.	7 dams-----	28	6,540	3.8	250
Born, 12-23-47; sire, 2138331; dam, 2086694.	Difference--	(4-4-7)	+481	+ .2	+32
Used by H. Milton Keene, Canton.					
HOWARD HALL MASTER 2334389-----	11 daughters	19	7,589	3.6	274
Preliminary proof, 12-31-56; ; Pa.	6 daughters-	11	7,874	3.6	281
Born, 12-17-45; sire, 1878308; dam, 1841711.	6 dams-----	15	6,783	3.6	244
Used by Herbert Stewart, Spartansburg.	Difference--	(3-4-5)	+1,091	.0	+37
IDALEE CONQUEROR 4TH1254 -----	6 daughters-	10	7,204	3.8	272
Preliminary proof, 12-31-56; ; Idaho.	5 daughters-	8	7,489	3.7	275
Born, 12-21-47; sire, 1918876; dam, 2305082.	5 dams-----	16	8,158	3.6	297
Used by Henry Silver, Jerome.	Difference--	(1-3-3)	-669	+ .1	-22
NERALCAM SIR CHARLIE 85311-----	25 daughters	43	7,582	3.7	282
Born, 6-9-44; proved, 12-31-56; ; Kans.	18 daughters	30	7,236	3.8	271
Sire, 22005; dam, 1967627.	18 dams----	62	7,348	4.0	292
Used by Joe Fox, St. John.	Difference--	(12-3-9)	-112	- .2	-21
WOODWARD'S REVELER P2592 -----	13 daughters	24	7,709	4.0	311
Born, 10-4-47; proved, 12-31-56; ; Kans.	12 daughters	20	7,768	4.0	314
Sire, P33420; dam, 2059467.	12 dams----	52	6,713	4.0	269
Used by W. A. Hegle, Lost Springs.	Difference--	(8-7-9)	+1,055	.0	+45

